

PUBLISHED BY THE EUROPEAN PATENT OFFICE

DESCRIPTION

## FILTER FOR INTERNAL COMBUSTION ENGINES

TECHNICAL FIELD

- 5 The present invention relates, in a totally general sense, to internal combustion engines and more particularly to a filter for liquids, such as oil or diesel fuel, to be associated with said engines.

More specifically, the invention relates to improvements in the filter of

W/O 02/100511

~~Italian Patent Application No. RE2001A000065~~ in the name of the same

- 10 Applicant.

PRIOR ART

- The filter described in said document comprises a generally cup-shaped casing which is closed by a removable cover, and contains a disposable  
15 tubular filter cartridge.

Said cartridge divides the interior compartment of the cup into two chambers, of which one is connected to an inlet conduit for the liquid to be filtered, and the other is connected to an outlet conduit for the filtered liquid.

- 20 The cartridge is removably fixed in a sealed manner to the inner region of the cover by a snap connection system, which does not require detailed description. It is sufficient to note that the system comprises first engagement means which extend beyond the inner face of the cover or the facing end face of the cartridge, and second engagement means  
25 matching the preceding and extending beyond said facing end face or said inner face, said first and second engagement means being